

NORTH DAKOTA 2023 CROP APPROVED SEED LIST

For Recertification and Foundation Classification



February 2024



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The contents of this publication can be found at our website: www.ndseed.com

North Dakota Winter Test

Samples were submitted from the following lots of certified seed potatoes for winter testing. Classification as Foundation and acceptability for recertification is based on this winter test and the past summer field readings, provided they were harvested, stored and otherwise handled in a clean and sanitary manner.

A test sample represents individual fields. If a grower sends a composite sample of several fields, it is not included on this list.

The following tolerances of serious viruses were used in determining the acceptability for recertification. Slightly higher tolerances are sometimes used on miscellaneous varieties.

0.0%	No serious visible virus such as Crinkle Mosaic, Severe Leaf Rolling Mosaic or Leaf Roll.
0.1%	Very small amounts of virus.
0.2%	Quite desirable for recertification.
0.3%	Acceptable for recertification
0.5%	Eligible for recertification and within tolerance of Foundation stock in most states
>0.5%	Not eligible for recertification in North Dakota. May be eligible for recertification in other states.

The winter test is mainly for virus diseases. Prospective purchasers should investigate various other factors affecting seed quality, such as last summer's field readings and any possible contamination during harvest, storage or sorting. Any test of 0.5% is equal to or better than the requirements for foundation ratings in most other states. In some instances, the seed meets the classification of elite seed. Eligibility is based on visual inspection. ELISA test results are for information purposes.

A "+" signifies that the variety may be protected by USA-Patent, PVP Act, Material Transfer Agreement or subject to registration fees under owner/grower contract. Buyers of protected varieties are advised to validate the status of the variety from the vendors, variety owner, or the certification agency of the state, province or country in which the seed buyer/grower is a permanent resident.

DISCLAIMER

74-04-01-03. Exclusion of warranty and limitation of remedy. Seed potatoes certified in accordance with this chapter have been field and grade inspected as specified in this chapter. The state seed department and the inspection service function and serve only in an official regulatory manner and do not relieve the grower or owner of the grower's or owner's responsibility. Neither the producer, the seller, the North Dakota seed commission, the seed commissioner, or the commissioner's employees make any warranty or representation of any kind, express or implied, as to the quantity or quality of the crop produced from certified seed, including merchantability, fitness for a particular purpose, or absence of disease, or varietal or selection identity. The only representation is that the seed potatoes were inspected under the seed certification rules and regulations of the North Dakota state seed department.

Note: Additional information related to North Dakota Seed Rules can be obtained from the North Dakota State Seed Department.

LINE SELECTIONS (STRAINS)

The North Dakota State Seed Department's potato certification service confirms that each lot of potatoes in this directory have met the standards or requirements of State law, including but not limited to variety name and presence or absence of disease. This directory may also include line selection/varietal strains of certain identifiable varieties, such as Norland and Russet Norkotah. This is indicated as "source documented as". Although the certification tag may designate variety, strain or line selection names, that information are derived solely from the documentation supplied by the applicant for certification. Individual seed growers may have developed, or obtained from another source, lines/strains that possess yield, maturity, vine or tuber characteristics that may be different from the variety as originally described and named. A line/strain cannot usually be distinguished from the parent potato variety by conventional certification methods or by laboratory testing means. The seed grower is responsible for informing the seed buyer about line/strain existence and characteristics. Seed buyers should ask seed sellers about lines/strains that may be included among the seed lots listed.

Name and City	Acres	Field App No	Field Yr	% Leaf Roll	% Mos	% AD Mix	ELISA PVY%
ACTRICE							
ENANDER SEED FARM, GRENORA	0.10	P23ACT1459	1	NOBS	NOBS	NOBS	
ENANDER SEED FARM, GRENORA	1.20	P23ACT2527	2	NOBS	NOBS	NOBS	
FEDJE, DAVID, HOOPLE	39.00	P23ACT4325	4	NOBS	NOBS	NOBS	0.0000
RUTHERFORD FARMS, RICHARD, GRAFTON	48.00	P23ACT4408	4	NOBS	0.50	NOBS	0.5100
ALEGRIA +							
JORDE CERTIFIED SEED LLC, CANDO	22.00	P23ALE3146	3	NOBS	NOBS	NOBS	
ATLANTIC							
ENANDER SEED FARM, GRENORA	0.60	P23ATL1426	1	NOBS	NOBS	NOBS	
ENANDER SEED FARM, GRENORA	0.50	P23ATL1427	1	NOBS	NOBS	NOBS	
ENANDER SEED FARM, GRENORA	0.20	P23ATL1428	1	NOBS	NOBS	NOBS	
ENANDER SEED FARM, GRENORA	6.60	P23ATL2521	2	NOBS	NOBS	NOBS	
JOHNSONS FOUNDATION SEED LLP, CANDO	5.00	P23ATL2575	2	NOBS	NOBS	NOBS	
BABY LOU							
ENANDER SEED FARM, GRENORA	0.20	P23BBL1475	1	NOBS	NOBS	NOBS	
BANNOCK RUSSET +							
ENANDER SEED FARM, GRENORA	0.20	P23BNK1499	1				
ENANDER SEED FARM, GRENORA	0.10	P23BNK1500	1				0.0000
ENANDER SEED FARM, GRENORA	0.70	P23BNK1501	1				0.0000
ENANDER SEED FARM, GRENORA	1.25	P23BNK2517	2				0.0000
JOHNSONS FOUNDATION SEED LLP, CANDO	5.80	P23BNK2580	2				0.0000
VCULEK FARM, BRIAN, CRETE	45.90	P23BNK3182	3	NOBS	NOBS	NOBS	0.0000
BECCA ROSE							
ENANDER SEED FARM, GRENORA	0.10	P23BEC1493	1	NOBS	NOBS	NOBS	
JORDE CERTIFIED SEED LLC, CANDO	4.00	P23BEC3156	3	NOBS	NOBS	NOBS	0.0000
BELMONDA							
ENANDER SEED FARM, GRENORA	5.10	P23BMD2523	2	NOBS	NOBS	NOBS	0.0000
CASCADE							
ENANDER SEED FARM, GRENORA	0.20	P23CSD1467	1	NOBS	NOBS	NOBS	
ENANDER SEED FARM, GRENORA	2.70	P23CSD2542	2	NOBS	NOBS	NOBS	
CHIEFTAIN							
ENANDER SEED FARM, GRENORA	0.40	P23CHF1466	1	NOBS	NOBS	NOBS	
JOHNSONS FOUNDATION SEED LLP, CANDO	4.30	P23CHF2562	2	NOBS	NOBS	NOBS	
CHRISTEL							
ENANDER SEED FARM, GRENORA	0.50	P23CSL1446	1	NOBS	NOBS	NOBS	
CONSTANCE							
CLEMENSON-SOBOLIK FARM, HOOPLE	40.00	P23CST4106	4	NOBS	NOBS	NOBS	
CLEMENSON-SOBOLIK FARM, HOOPLE	14.50	P23CST4107	4	NOBS	NOBS	NOBS	
DAKOTA PEARL +							
C & E FARMS, WALHALLA	62.00	P23DPE3229	3	NOBS	0.26	NOBS	0.5900
CLEMENSON-SOBOLIK FARM, HOOPLE	23.60	P23DPE4102	4	NOBS	NOBS	NOBS	
ENANDER SEED FARM, GRENORA	0.60	P23DPE1507	1	NOBS	NOBS	NOBS	
ENANDER SEED FARM, GRENORA	0.60	P23DPE1508	1	NOBS	NOBS	NOBS	
ENANDER SEED FARM, GRENORA	0.50	P23DPE1509	1	NOBS	NOBS	NOBS	
ENANDER SEED FARM, GRENORA	4.30	P23DPE2518	2	NOBS	NOBS	NOBS	
ENANDER SEED FARM, GRENORA	1.10	P23DPE2519	2	NOBS	NOBS	NOBS	
JOHNSONS FOUNDATION SEED LLP, CANDO	4.80	P23DPE2586	2	NOBS	NOBS	NOBS	
JOHNSONS FOUNDATION SEED LLP, CANDO	6.30	P23DPE2588	2	NOBS	NOBS	NOBS	
JORDE CERTIFIED SEED LLC, CANDO	2.10	P23DPE2122	2	NOBS	NOBS	NOBS	
JORDE CERTIFIED SEED LLC, CANDO	28.00	P23DPE3132	3	NOBS	NOBS	NOBS	

Name and City	Acres	Field App No	Field Yr	% Leaf Roll	% Mos	% AD Mix	ELISA PVY%
DAKOTA PEARL + (Cont)							
RUTHERFORD FARMS, RICHARD, GRAFTON	18.00	P23DPE3410	3	NOBS	NOBS	NOBS	0.0000
DAKOTA RUSSET +							
ENANDER SEED FARM, GRENORA	0.90	P23DRT1434	1	NOBS	NOBS	NOBS	
ENANDER SEED FARM, GRENORA	2.80	P23DRT1435	1	NOBS	NOBS	NOBS	
ENANDER SEED FARM, GRENORA	3.60	P23DRT1436	1	NOBS	NOBS	NOBS	
ENANDER SEED FARM, GRENORA	4.80	P23DRT2520	2	NOBS	NOBS	NOBS	
JOHNSONS FOUNDATION SEED LLP, CANDO	10.40	P23DRT2572	2	NOBS	NOBS	NOBS	
JOHNSONS FOUNDATION SEED LLP, CANDO	4.00	P23DRT2573	2	NOBS	NOBS	NOBS	
JOHNSONS FOUNDATION SEED LLP, CANDO	4.40	P23DRT2574	2	NOBS	NOBS	NOBS	
JOHNSONS FOUNDATION SEED LLP, CANDO	15.30	P23DRT3563	3	NOBS	NOBS	NOBS	
JOHNSONS FOUNDATION SEED LLP, CANDO	9.00	P23DRT3576	3	NOBS	NOBS	NOBS	
JOHNSONS FOUNDATION SEED LLP, CANDO	16.60	P23DRT3581	3	NOBS	NOBS	NOBS	
JOHNSONS FOUNDATION SEED LLP, CANDO	12.00	P23DRT3582	3	NOBS	NOBS	NOBS	
JOHNSONS FOUNDATION SEED LLP, CANDO	35.20	P23DRT4583	4	NOBS	NOBS	NOBS	
JORDE CERTIFIED SEED LLC, CANDO	2.30	P23DRT2119	2	NOBS	NOBS	NOBS	
JORDE CERTIFIED SEED LLC, CANDO	25.00	P23DRT3133	3	NOBS	NOBS	NOBS	
JORDE CERTIFIED SEED LLC, CANDO	106.00	P23DRT4151	4	NOBS	NOBS	NOBS	
DARK RED CHIEFTAIN +							
ENANDER SEED FARM, GRENORA	0.10	P23DRC1470	1	NOBS	NOBS	NOBS	
ENANDER SEED FARM, GRENORA	1.79	P23DRC2528	2	NOBS	NOBS	NOBS	
FRITO LAY VARIETIES + STRAINS DOCUMENTED AS:							
ENANDER SEED FARM, GRENORA	2.60	P23F141516	1				0.0000
ENANDER SEED FARM, GRENORA	10.00	P23F142532	2				0.0000
ENANDER SEED FARM, GRENORA	1.70	P23F211421	1				0.0000
ENANDER SEED FARM, GRENORA	5.20	P23F212525	2				0.0000
ENANDER SEED FARM, GRENORA	7.00	P23F231433	1				0.0000
ENANDER SEED FARM, GRENORA	12.00	P23F232550	2				0.0000
ENANDER SEED FARM, GRENORA	0.30	P23F241479	1				0.0000
ENANDER SEED FARM, GRENORA	0.50	P23F241480	1				0.0000
ENANDER SEED FARM, GRENORA	4.20	P23F242540	2				0.0000
ENANDER SEED FARM, GRENORA	2.00	P23F311486	1				0.0000
ENANDER SEED FARM, GRENORA	1.00	P23F321488	1				0.0000
JOHNSON FARMS, WALHALLA	48.00	P23F143211	3				0.5100
JOHNSON FARMS, WALHALLA	53.00	P23F143213	3				0.0000
JOHNSONS FOUNDATION SEED LLP, CANDO	11.00	P23F142551	2				0.0000
JOHNSONS FOUNDATION SEED LLP, CANDO	10.00	P23F232552	2				0.0000
JOHNSONS FOUNDATION SEED LLP, CANDO	16.30	P23F232553	2				0.0000
JOHNSONS FOUNDATION SEED LLP, CANDO	4.90	P23F232554	2				0.0000
JOHNSONS FOUNDATION SEED LLP, CANDO	33.00	P23F233555	3				0.0000
JOHNSONS FOUNDATION SEED LLP, CANDO	33.00	P23F233556	3				0.0000
JOHNSONS FOUNDATION SEED LLP, CANDO	30.70	P23F233557	3				0.0000
JOHNSONS FOUNDATION SEED LLP, CANDO	26.00	P23F243591	3				0.0000
JOHNSONS FOUNDATION SEED LLP, CANDO	32.00	P23F243592	3				0.0000
NILSON FARMS INC, HOOPLE	70.00	P23F233345	3				0.0000
NILSON FARMS INC, HOOPLE	17.00	P23F233346	3				0.2500
NILSON FARMS INC, HOOPLE	98.00	P23F233349	3				0.2600
GOLDRUSH							
ENANDER SEED FARM, GRENORA	0.80	P23GRU1454	1	NOBS	NOBS	NOBS	

Name and City	Acres	Field App No	Field Yr	% Leaf Roll	% Mos	% AD Mix	ELISA PVY%
GOLDRUSH (Cont)							
JOHNSONS FOUNDATION SEED LLP, CANDO	4.00	P23GRU2561	2	NOBS	NOBS	NOBS	
HUCKLEBERRY GOLD +							
CARTER FARMS INC, FOREST RIVER	0.76	P23HUC3391	3	NOBS	NOBS	NOBS	0.0000
HURON CHIPPER +							
ENANDER SEED FARM, GRENORA	0.50	P23HUR1453	1	NOBS	NOBS	NOBS	
IVORY RUSSET +							
ENANDER SEED FARM, GRENORA	9.00	P23IVR2535	2	NOBS	NOBS	NOBS	0.0000
JELLY +							
ENANDER SEED FARM, GRENORA	0.10	P23JEL1465	1	NOBS	NOBS	NOBS	
ENANDER SEED FARM, GRENORA	0.71	P23JEL2531	2	NOBS	NOBS	NOBS	
JULE							
ENANDER SEED FARM, GRENORA	0.40	P23JUL1471	1	NOBS	NOBS	NOBS	
KING RUSSET +							
ENANDER SEED FARM, GRENORA	0.70	P23KRS1419	1	NOBS	NOBS	NOBS	
ENANDER SEED FARM, GRENORA	0.20	P23KRS1420	1	NOBS	NOBS	NOBS	
ENANDER SEED FARM, GRENORA	2.60	P23KRS2541	2	NOBS	NOBS	NOBS	0.0000
LA BELLE RUSSET +							
JORDE CERTIFIED SEED LLC, CANDO	28.00	P23LAB4154	4	NOBS	NOBS	NOBS	0.0000
JORDE CERTIFIED SEED LLC, CANDO	9.00	P23LAB4155	4	NOBS	NOBS	NOBS	0.0000
LADY LIBERTY +							
ENANDER SEED FARM, GRENORA	0.40	P23LLB1482	1	NOBS	NOBS	NOBS	
ENANDER SEED FARM, GRENORA	3.60	P23LLB2529	2	NOBS	NOBS	NOBS	
FEDJE, DAVID, HOOPLE	46.00	P23LLB3322	3	NOBS	NOBS	NOBS	
JOHNSONS FOUNDATION SEED LLP, CANDO	4.80	P23LLB3594	3	NOBS	NOBS	NOBS	
LAMOKA +							
ENANDER SEED FARM, GRENORA	1.00	P23LAM1455	1	NOBS	NOBS	NOBS	
ENANDER SEED FARM, GRENORA	0.40	P23LAM1456	1	NOBS	NOBS	NOBS	
JOHNSON FARMS, WALHALLA	67.00	P23LAM3217	3	NOBS	NOBS	NOBS	0.5100
JOHNSONS FOUNDATION SEED LLP, CANDO	5.50	P23LAM2571	2				0.0000
JORDE CERTIFIED SEED LLC, CANDO	2.80	P23LAM2120	2	NOBS	NOBS	NOBS	0.0000
JORDE CERTIFIED SEED LLC, CANDO	10.00	P23LAM3134	3	NOBS	NOBS	NOBS	0.0000
LELAH +							
ENANDER SEED FARM, GRENORA	0.10	P23LEL1468	1	NOBS	NOBS	NOBS	
ENANDER SEED FARM, GRENORA	0.90	P23LEL2549	2	NOBS	NOBS	NOBS	
JOHNSONS FOUNDATION SEED LLP, CANDO	8.00	P23LEL3585	3	NOBS	NOBS	NOBS	
SHEPHARD & CO INC, CRYSTAL	10.00	P23LEL3377	3	NOBS	NOBS	NOBS	
LILLY							
ENANDER SEED FARM, GRENORA	0.10	P23LIL1476	1	NOBS	NOBS	NOBS	
MACKINAW +							
ENANDER SEED FARM, GRENORA	1.00	P23MAC1494	1	NOBS	NOBS	NOBS	
ENANDER SEED FARM, GRENORA	6.30	P23MAC2544	2	NOBS	NOBS	NOBS	
JORDE CERTIFIED SEED LLC, CANDO	27.00	P23MAC3150	3	NOBS	NOBS	NOBS	
MADISON +							
ENANDER SEED FARM, GRENORA	0.80	P23MAD2547	2	NOBS	NOBS	NOBS	
NILSON FARMS INC, HOOPLE	11.00	P23MAD3367	3	NOBS	NOBS	NOBS	
MALOU							
ENANDER SEED FARM, GRENORA	0.10	P23MLU1460	1	NOBS	NOBS	NOBS	

Name and City	Acres	Field App No	Field Yr	% Leaf Roll	% Mos	% AD Mix	ELISA PVY%
MANISTEE +							
ENANDER SEED FARM, GRENORA	0.20	P23MAN1463	1	NOBS	NOBS	NOBS	
ENANDER SEED FARM, GRENORA	1.30	P23MAN2548	2	NOBS	NOBS	NOBS	
JOHNSONS FOUNDATION SEED LLP, CANDO	11.20	P23MAN3584	3	NOBS	NOBS	NOBS	0.0000
SHEPHARD & CO INC, CRYSTAL	43.00	P23MAN3375	3	NOBS	0.26	NOBS	
MARTA							
ENANDER SEED FARM, GRENORA	0.20	P23MRA1512	1	NOBS	NOBS	NOBS	
MODOC +							
ENANDER SEED FARM, GRENORA	0.50	P23MOD1444	1	NOBS	NOBS	NOBS	
ENANDER SEED FARM, GRENORA	0.50	P23MOD1447	1	NOBS	NOBS	NOBS	
ENANDER SEED FARM, GRENORA	0.20	P23MOD1448	1	NOBS	NOBS	NOBS	
ENANDER SEED FARM, GRENORA	1.70	P23MOD2543	2	NOBS	NOBS	NOBS	
ENANDER SEED FARM, GRENORA	2.00	P23MOD2545	2	NOBS	NOBS	NOBS	
FEDJE, DAVID, HOOPLE	25.00	P23MOD3342	3	NOBS	0.23	NOBS	0.4800
JOHNSONS FOUNDATION SEED LLP, CANDO	4.25	P23MOD2559	2	NOBS	NOBS	NOBS	
JORDE CERTIFIED SEED LLC, CANDO	3.60	P23MOD2111	2	NOBS	NOBS	NOBS	
JORDE CERTIFIED SEED LLC, CANDO	14.00	P23MOD3135	3	NOBS	NOBS	NOBS	
MOUNTAIN GEM RUSSET +							
JORDE CERTIFIED SEED LLC, CANDO	0.80	P23MGR2128	2	NOBS	NOBS	NOBS	0.0000
MSAFBG35-15							
ENANDER SEED FARM, GRENORA	0.10	P23A651473	1	NOBS	NOBS	NOBS	
MSCC168-1							
ENANDER SEED FARM, GRENORA	0.10	P23A701595	1	NOBS	NOBS	NOBS	
MSDD376-4							
ENANDER SEED FARM, GRENORA	0.10	P23A691464	1	NOBS	NOBS	NOBS	
MSZ242-13							
ENANDER SEED FARM, GRENORA	0.60	P23A541484	1	NOBS	NOBS	NOBS	
ENANDER SEED FARM, GRENORA	1.10	P23A542536	2	NOBS	NOBS	NOBS	
JORDE CERTIFIED SEED LLC, CANDO	1.30	P23A542126	2	NOBS	NOBS	NOBS	0.0000
NATALIA							
ENANDER SEED FARM, GRENORA	0.10	P23NTL1497	1	NOBS	NOBS	NOBS	
ND113207-1R							
ENANDER SEED FARM, GRENORA	0.30	P2312K1462	1	NOBS	NOBS	NOBS	
SHEPHARD & CO INC, CRYSTAL	15.00	P2312K3378	3	NOBS	0.29	NOBS	
ND1241-1Y							
CARTER FARMS INC, FOREST RIVER	0.04	P2312L1402	1	NOBS	NOBS	NOBS	
SPOKELY FARMS, NIELSVILLE	49.00	P2312L3274	3	NOBS	NOBS	NOBS	
ND13220C-3							
ENANDER SEED FARM, GRENORA	0.20	P2312M1442	1	NOBS	NOBS	NOBS	
ND7519-1							
ENANDER SEED FARM, GRENORA	2.50	P2312C2538	2	NOBS	NOBS	NOBS	
ND7799C-1							
ENANDER SEED FARM, GRENORA	0.30	P2312D1443	1	NOBS	NOBS	NOBS	
JOHNSONS FOUNDATION SEED LLP, CANDO	3.00	P2312D2590	2	NOBS	NOBS	NOBS	
MILLER FARMS INC, JOHN, MINTO	24.00	P2312D3285	3	NOBS	NOBS	NOBS	
NORLAND STRAINS DOCUMENTED AS: DK RD NOR - PLANT BIO							
ENANDER SEED FARM, GRENORA	1.10	P23DRB1489	1	NOBS	NOBS	NOBS	

Name and City	Acres	Field App No	Field Yr	% Leaf Roll	% Mos	% AD Mix	ELISA PVY%
DK RD NOR - PLANT BIO (Cont)							
JOHNSON, SAM, WALHALLA	92.00	P23DRB3204	3	NOBS	0.27	NOBS	
JOHNSONS FOUNDATION SEED LLP, CANDO	15.70	P23DRB2589	2	NOBS	NOBS	NOBS	
JORDE CERTIFIED SEED LLC, CANDO	22.00	P23DRB4152	4	NOBS	NOBS	NOBS	
NORLAND							
ENANDER SEED FARM, GRENORA	0.20	P23NRL1491	1	NOBS	NOBS	NOBS	
ENANDER SEED FARM, GRENORA	0.82	P23NRL2530	2	NOBS	NOBS	NOBS	
NORLAND, DARK RED							
ENANDER SEED FARM, GRENORA	0.40	P23DRN1472	1	NOBS	NOBS	NOBS	
ENANDER SEED FARM, GRENORA	0.30	P23DRN1477	1	NOBS	NOBS	NOBS	
ENANDER SEED FARM, GRENORA	0.20	P23DRN1492	1	NOBS	NOBS	NOBS	
ENANDER SEED FARM, GRENORA	0.40	P23DRN1515	1	NOBS	NOBS	NOBS	
ENANDER SEED FARM, GRENORA	3.80	P23DRN2533	2	NOBS	NOBS	NOBS	
JORDE CERTIFIED SEED LLC, CANDO	1.70	P23DRN2127	2	NOBS	NOBS	NOBS	
NILSON FARMS INC, HOOPLE	21.50	P23DRN3360	3	NOBS	0.42	NOBS	
RUTHERFORD FARMS, RICHARD, GRAFTON	23.00	P23DRN5413	5	NOBS	0.27	NOBS	
SPOKELY FARMS, NIELSVILLE	97.00	P23DRN3272	3	NOBS	NOBS	NOBS	
SPOKELY FARMS, NIELSVILLE	72.00	P23DRN4271	4	NOBS	0.27	NOBS	
NORLAND, RED							
ENANDER SEED FARM, GRENORA	1.60	P23RNO1478	1	NOBS	NOBS	NOBS	
ENANDER SEED FARM, GRENORA	0.40	P23RNO1481	1	NOBS	NOBS	NOBS	
ENANDER SEED FARM, GRENORA	3.90	P23RNO2524	2	NOBS	NOBS	NOBS	
JOHNSON, SAM, WALHALLA	83.00	P23RNO3203	3	NOBS	0.13	NOBS	
JOHNSONS FOUNDATION SEED LLP, CANDO	14.20	P23RNO2587	2	NOBS	NOBS	NOBS	
JORDE CERTIFIED SEED LLC, CANDO	23.00	P23RNO3138	3	NOBS	NOBS	NOBS	
NY163							
ENANDER SEED FARM, GRENORA	0.50	P23A581504	1	NOBS	NOBS	NOBS	
ENANDER SEED FARM, GRENORA	2.50	P23A582546	2	NOBS	NOBS	NOBS	
JORDE CERTIFIED SEED LLC, CANDO	3.30	P23A582124	2	NOBS	NOBS	NOBS	
NY168							
ENANDER SEED FARM, GRENORA	0.60	P23A671596	1	NOBS	NOBS	NOBS	
NY174							
ENANDER SEED FARM, GRENORA	0.20	P23A391474	1	NOBS	NOBS	NOBS	
OR12133-10							
JORDE CERTIFIED SEED LLC, CANDO	1.50	P23A662123	2	NOBS	NOBS	NOBS	
P103-1							
ENANDER SEED FARM, GRENORA	1.20	P23A681449	1	NOBS	NOBS	NOBS	
PAROLI							
ENANDER SEED FARM, GRENORA	0.40	P23PAR1445	1	NOBS	NOBS	NOBS	
JORDE CERTIFIED SEED LLC, CANDO	3.70	P23PAR2114	2	NOBS	NOBS	NOBS	0.0000
JORDE CERTIFIED SEED LLC, CANDO	46.00	P23PAR3147	3	NOBS	NOBS	NOBS	0.0000
PETOSKEY							
ENANDER SEED FARM, GRENORA	0.30	P23PSY1498	1	NOBS	NOBS	NOBS	
POMERELLE RUSSET +							
ENANDER SEED FARM, GRENORA	0.10	P23PRL1495	1	NOBS	NOBS	NOBS	
JORDE CERTIFIED SEED LLC, CANDO	1.00	P23PRL2130	2	NOBS	NOBS	NOBS	
PROSPECT +							
ENANDER SEED FARM, GRENORA	0.70	P23PRS1490	1	NOBS	NOBS	NOBS	0.0000

Name and City	Acres	Field App No	Field Yr	% Leaf Roll	% Mos	% AD Mix	ELISA PVY%
RAINIER RUSSET +							
ENANDER SEED FARM, GRENORA	0.20	P23RAI1496	1	NOBS	NOBS	NOBS	
JORDE CERTIFIED SEED LLC, CANDO	0.50	P23RAI2125	2	NOBS	NOBS	NOBS	0.0000
JORDE CERTIFIED SEED LLC, CANDO	6.00	P23RAI3131	3	NOBS	NOBS	1.00	0.0000
RANGER RUSSET							
ENANDER SEED FARM, GRENORA	0.40	P23RAN1422	1	NOBS	NOBS	NOBS	
ENANDER SEED FARM, GRENORA	1.60	P23RAN1423	1	NOBS	NOBS	NOBS	0.0000
ENANDER SEED FARM, GRENORA	0.90	P23RAN1424	1	NOBS	NOBS	NOBS	
ENANDER SEED FARM, GRENORA	1.60	P23RAN1425	1	NOBS	NOBS	NOBS	
ENANDER SEED FARM, GRENORA	5.00	P23RAN2526	2	NOBS	NOBS	NOBS	0.0000
JOHNSON FARMS, WALHALLA	43.00	P23RAN3214	3	NOBS	0.31	NOBS	
JOHNSONS FOUNDATION SEED LLP, CANDO	5.50	P23RAN2568	2	NOBS	NOBS	NOBS	
JOHNSONS FOUNDATION SEED LLP, CANDO	4.30	P23RAN2569	2	NOBS	NOBS	NOBS	
JOHNSONS FOUNDATION SEED LLP, CANDO	3.50	P23RAN2570	2	NOBS	NOBS	NOBS	
RED LASODA STRAINS DOCUMENTED AS: RED LASODA-NEW YORK							
ENANDER SEED FARM, GRENORA	0.40	P23RNY1510	1	NOBS	NOBS	NOBS	
ENANDER SEED FARM, GRENORA	0.50	P23RNY1511	1	NOBS	NOBS	NOBS	
JORDE CERTIFIED SEED LLC, CANDO	6.70	P23RNY2112	2	NOBS	NOBS	NOBS	
JORDE CERTIFIED SEED LLC, CANDO	17.00	P23RNY3136	3	NOBS	NOBS	NOBS	
JORDE CERTIFIED SEED LLC, CANDO	53.00	P23RNY3137	3	NOBS	NOBS	NOBS	
RED MAGIC							
ENANDER SEED FARM, GRENORA	0.20	P23RMA1469	1	NOBS	NOBS	NOBS	
RED THUMB							
CARTER FARMS INC, FOREST RIVER	0.25	P23RTM2382	2	NOBS	NOBS	NOBS	
REVIELLE RUSSET +							
ENANDER SEED FARM, GRENORA	0.50	P23REV1450	1				0.0000
ENANDER SEED FARM, GRENORA	0.30	P23REV1451	1				0.0000
JOHNSONS FOUNDATION SEED LLP, CANDO	3.20	P23REV2566	2				0.0000
JOHNSONS FOUNDATION SEED LLP, CANDO	3.40	P23REV2567	2				0.0000
RUSSET BURBANK							
BJORNSTAD FARMS, WALHALLA	65.00	P23BUR3235	3	NOBS	0.22	NOBS	
ENANDER SEED FARM, GRENORA	1.50	P23BUR1430	1	NOBS	NOBS	NOBS	0.0000
ENANDER SEED FARM, GRENORA	3.80	P23BUR1431	1	NOBS	NOBS	NOBS	
ENANDER SEED FARM, GRENORA	0.90	P23BUR1432	1	NOBS	NOBS	NOBS	
JOHNSON FARMS, WALHALLA	50.00	P23BUR3207	3	NOBS	0.30	NOBS	
JOHNSONS FOUNDATION SEED LLP, CANDO	25.00	P23BUR2577	2	NOBS	NOBS	NOBS	
RUSSET BURBANK STRAINS DOCUMENTED AS: RUSSET BURBANK 70B							
ENANDER SEED FARM, GRENORA	1.60	P23BU71429	1	NOBS	NOBS	NOBS	0.0000
RUSSET NORKOTAH STRAINS DOCUMENTED AS: RUSSET NORKOTAH (JORDE STRAIN)							
ENANDER SEED FARM, GRENORA	0.70	P23NKJ1487	1	NOBS	NOBS	NOBS	0.0000
JORDE CERTIFIED SEED LLC, CANDO	7.60	P23NKJ2117	2	NOBS	0.25	NOBS	0.2400
JORDE CERTIFIED SEED LLC, CANDO	38.00	P23NKJ3140	3	NOBS	NOBS	NOBS	0.2700
RUSSET NORKOTAH TX278 +							
ENANDER SEED FARM, GRENORA	0.40	P23N781485	1	NOBS	NOBS	NOBS	0.0000

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RUSSET NORKOTAH TX278 + (Cont)							
JORDE CERTIFIED SEED LLC, CANDO	3.80	P23N782118	2	NOBS	NOBS	NOBS	0.0000
JORDE CERTIFIED SEED LLC, CANDO	11.00	P23N783141	3	NOBS	0.25	NOBS	0.0000
JORDE CERTIFIED SEED LLC, CANDO	23.00	P23N783142	3	NOBS	NOBS	NOBS	0.0000
RUSSET NORKOTAH TX296 +							
ENANDER SEED FARM, GRENORA	0.50	P23N961483	1	NOBS	NOBS	NOBS	0.0000
JOHNSONS FOUNDATION SEED LLP, CANDO	6.40	P23N962593	2	NOBS	NOBS	NOBS	0.0000
JORDE CERTIFIED SEED LLC, CANDO	2.40	P23N962113	2	NOBS	NOBS	NOBS	0.0000
SANGRE							
ENANDER SEED FARM, GRENORA	0.50	P23SAN1457	1				0.0000
ENANDER SEED FARM, GRENORA	0.30	P23SAN1458	1				0.0000
ENANDER SEED FARM, GRENORA	5.60	P23SAN2537	2				0.0000
ENANDER SEED FARM, GRENORA	1.90	P23SAN2539	2				0.0000
GILLESHAMMER-THIELE INC, ST THOMAS	30.00	P23SAN3261	3				0.3000
JORDE CERTIFIED SEED LLC, CANDO	1.40	P23SAN2121	2				0.0000
JORDE CERTIFIED SEED LLC, CANDO	15.00	P23SAN4153	4				0.0000
SATINA							
GUNDERSON, CHAD, CLIMAX	33.00	P23SAT3379	3	NOBS	NOBS	NOBS	
GUNDERSON, CHAD, CLIMAX	41.00	P23SAT4380	4	NOBS	NOBS	NOBS	
SHEPODY							
ENANDER SEED FARM, GRENORA	0.80	P23SHE1502	1	NOBS	NOBS	NOBS	0.0000
JOHNSONS FOUNDATION SEED LLP, CANDO	4.70	P23SHE2564	2	NOBS	NOBS	NOBS	0.0000
SILVERTON RUSSET +							
ENANDER SEED FARM, GRENORA	0.80	P23SIL1506	1	NOBS	NOBS	NOBS	0.0000
JOHNSONS FOUNDATION SEED LLP, CANDO	7.30	P23SIL2558	2	NOBS	NOBS	NOBS	0.0000
SINATRA							
ENANDER SEED FARM, GRENORA	0.30	P23SNT1461	1	NOBS	NOBS	NOBS	
SNOWDEN							
ENANDER SEED FARM, GRENORA	0.20	P23SNO1452	1	NOBS	NOBS	NOBS	
ENANDER SEED FARM, GRENORA	2.60	P23SNO2534	2	NOBS	NOBS	NOBS	
SORAYA +							
ENANDER SEED FARM, GRENORA	0.40	P23SOR1513	1	NOBS	NOBS	NOBS	
UMATILLA RUSSET +							
ENANDER SEED FARM, GRENORA	2.40	P23UMA1439	1	NOBS	NOBS	NOBS	
ENANDER SEED FARM, GRENORA	2.20	P23UMA1440	1	NOBS	NOBS	NOBS	
ENANDER SEED FARM, GRENORA	0.80	P23UMA1441	1	NOBS	NOBS	NOBS	
ENANDER SEED FARM, GRENORA	9.60	P23UMA2522	2	NOBS	NOBS	NOBS	
JOHNSON FARMS, WALHALLA	124.00	P23UMA3222	3	NOBS	0.19	NOBS	
JOHNSONS FOUNDATION SEED LLP, CANDO	8.50	P23UMA2578	2	NOBS	NOBS	NOBS	
JOHNSONS FOUNDATION SEED LLP, CANDO	5.30	P23UMA2579	2	NOBS	NOBS	NOBS	
JORDE CERTIFIED SEED LLC, CANDO	23.00	P23UMA3144	3	NOBS	NOBS	NOBS	
JORDE CERTIFIED SEED LLC, CANDO	10.00	P23UMA3145	3	NOBS	NOBS	NOBS	
SHEPHARD & CO INC, CRYSTAL	36.00	P23UMA4373	4	NOBS	0.41	NOBS	
VCULEK FARM, BRIAN, CRETE	24.00	P23UMA4185	4	NOBS	0.33	NOBS	
VIKING							
ENANDER SEED FARM, GRENORA	0.30	P23VIK1503	1	NOBS	NOBS	NOBS	
JOHNSONS FOUNDATION SEED LLP, CANDO	3.10	P23VIK2565	2	NOBS	NOBS	NOBS	
W8890-1R							
JORDE CERTIFIED SEED LLC, CANDO	1.30	P23A592129	2	NOBS	NOBS	NOBS	0.0000

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WANETA +							
ENANDER SEED FARM, GRENORA	2.30	P23WAN1437	1				0.0000
ENANDER SEED FARM, GRENORA	0.60	P23WAN1438	1				0.0000
GILLESHAMMER-THIELE INC, ST THOMAS	50.00	P23WAN4259	4				0.0000
JOHNSONS FOUNDATION SEED LLP, CANDO	2.50	P23WAN2560	2				0.0000
JORDE CERTIFIED SEED LLC, CANDO	2.70	P23WAN2116	2				0.0000
JORDE CERTIFIED SEED LLC, CANDO	12.00	P23WAN3148	3				0.0000
JORDE CERTIFIED SEED LLC, CANDO	12.00	P23WAN3149	3				0.0000
MILLER FARMS INC, JOHN, MINTO	47.00	P23WAN3299	3				0.2600