

Roundup F  
REGION 5

1999 RESI

COMPAN\ VARIETY	REG YLD bu/a	(BR) YLD bu/a	(BE) YLD bu/a	Mat. Date	Lodg ing	Ht. in	Shat ter
MATURITY							
AGRIPRO 3611 RR	47.6	46.2	48.9	18-Sep	1.1	39	1
AGRIPRO 3792 RR	52.5	50.5	54.4	18-Sep	1.2	35	1
ASGROW AG 3701	56.4	48.8	64	20-Sep	1	35	1
ASGROW AG 3702	50.5	52.4	48.6	18-Sep	1	34	1
ASGROW AG 3901	54.1	48.1	60	21-Sep	1.4	38	1
BECK'S 385 NRR	56.3	52.3	60.2	20-Sep	1.3	39	1
BERGMAN BT 360 CR	52.4	49.8	55	16-Sep	1	34	1
BERGMAN BT 369 CR	47	44.3	49.6	15-Sep	1	38	1
BERGMAN BT 379 R	46.8	43.7	49.9	17-Sep	1.6	38	1
BERGMAN BT 398 CR	52.5	48.2	56.9	20-Sep	1.9	41	1
BROWN MID 9A 34	50.3	48.5	52.1	19-Sep	1.3	35	1
BROWN MID 9A 36	49.7	49.1	50.4	20-Sep	1.1	37	1
BROWN MIDLAND	52.8	50.3	55.4	20-Sep	1.3	35	1
CALLAHAN 9390 RR	52.8	51.7	53.8	19-Sep	1.3	39	1
CARGILL B364 RR	48	46.2	49.8	20-Sep	1.5	39	1
CARGILL B395 RR	53.6	50.9	56.2	20-Sep	1.3	39	1
DEKALB CX 367C R	53.3	50.7	56	20-Sep	1.2	34	1
DIENER DB 3900 C	51.3	48.3	54.3	20-Sep	1.2	41	1
DIENER DB 3921 R	48.2	42.6	53.8	21-Sep	1.3	35	1
DIENER DB 8370 C	54.2	51	57.5	20-Sep	1.6	38	1
EXCEL 8370 RR	44.3	42.1	46.5	22-Sep	1.3	33	1
EXCEL 8381 NRR	50	49.8	50.3	20-Sep	1.5	38	1
EXCEL 8382 NRR	49.1	48.2	50	20-Sep	1.3	33	1
GARST D 399 RR/	53.2	45.2	61.2	20-Sep	1.1	39	1
GOLDEN IH 3401 RR	48.1	47.6	48.6	17-Sep	1.2	36	1
GOLDEN IH 3454 RR	50.1	47.3	52.9	18-Sep	1.2	39	1
GOLDEN IH 3505 RR	53.8	48.3	59.3	18-Sep	1.1	34	1
GOLDEN IH 3843 RR	51.3	49.9	52.6	19-Sep	1.3	40	1
GOLDEN IH 3960 RR	51.4	47.7	55.1	18-Sep	1.4	37	1
GREAT L/ GL 3801 R	51.7	45	58.5	22-Sep	1.1	34	1
GROWMA RT 3885	55.2	50.3	60.1	20-Sep	2.1	40	1
GROWMA RT 3996	47.6	45.4	49.7	22-Sep	1	35	1
KRUGER K-363 RR	45.1	45.5	44.6	18-Sep	1.4	38	1
KRUGER K-363 RR/	49.7	50.5	49	21-Sep	1.2	35	1
KRUGER K-369 RR	54.7	54.6	54.8	16-Sep	1.4	37	1
KRUGER K-369+ RF	49.8	49.6	50	17-Sep	1.1	35	1
KRUGER K-373 RR	51.2	46.9	55.5	20-Sep	1.3	35	1
KRUGER K-377+ RF	48	47.1	48.8	18-Sep	1.5	37	1
KRUGER K-383 RR/	52.3	47.2	57.3	22-Sep	1.4	37	1
KRUGER K-383+ RF	51.8	51.1	52.5	18-Sep	1.4	38	1

KRUGER K-383A RF	55	47.8	62.3	22-Sep	1.5	39	1
KRUGER K-388 RR	48.2	45.8	50.6	20-Sep	1.3	32	1
KRUGER K-389 RR	48.2	44.4	52	21-Sep	1	33	1
LEWIS 3999 RR	49.7	45.5	53.8	19-Sep	1.4	35	1
NEXTGEN NG 399 R	51.1	48.6	53.7	22-Sep	1.1	33	1
STINE 3792-4	46.5	48.4	44.6	18-Sep	1	35	1
TERRA E 3990 RR	47.5	44.2	50.8	21-Sep	1	33	1
TRISLER TRISOY 37	50.1	48.9	51.4	16-Sep	1.1	38	1
TRISLER TRISOY 37	46.5	46	47	18-Sep	1.3	35	1
TRISLER TRISOY 38	56.5	53.7	59.3	18-Sep	1.5	41	1
UAP DG 3392 N	52.5	46.3	58.8	20-Sep	1.2	39	1
UAP DG 3394 F	49.3	48.2	50.5	21-Sep	1.2	34	1
WILFARM WF 370 RI	50.3	46.4	54.3	20-Sep	1	33	1
WILLCRO RR 2369 N	48.7	47.7	49.7	14-Sep	1	37	1
WILLCRO RR 2408 N	51.5	48.4	54.6	18-Sep	1	39	1
AVERAGE	50.7	48.1	53.4 ..		1.3	37	1
L.S.D. 10%	5.6	4.2	6.7 ..		0.4	3.4	0.3
L.S.D. 30%	3.5	2.6	4.2 ..		0.2	2.1	0.2
STD ERR	2.4	1.8	2.9 ..		0.2	1.4	0.1
COEFF OF	8.1	6.4	9.2 ..		22.2	6.7	18.9

#### MATURITY

AGRIPRO 4004 RR	52.4	51.4	53.5	20-Sep	1.4	39	1
AGRIPRO 4319 RR	55.3	50.5	60	24-Sep	1.4	39	1
AGVENTU AV 6409 N	53.7	51	56.4	18-Sep	1.4	36	1
ASGROW AG 4101	53.6	51	56.2	25-Sep	1.9	43	1
ASGROW AG 4301	58.9	55	62.9	24-Sep	1.1	38	1
ASGROW AG 4402	54.6	50.1	59	26-Sep	1.9	38	1
BAKER 4395C RR	56	50.4	61.7	24-Sep	1.7	41	1
BAKER 4505C RR	54.6	46.2	62.9	24-Sep	1.9	39	1
BECK'S 435 NRR	53.1	48	58.1	24-Sep	2	39	1
BERGMAN BT 400 CR	52.7	51.3	54.2	19-Sep	1.2	40	1
BERGMAN BT 439 CR	56.7	52.3	61	24-Sep	1.6	40	1
BERGMAN BT 440 CR	54.2	51	57.4	24-Sep	2	38	1
BERGMAN BT 450 CR	55.2	52.7	57.8	29-Sep	1.5	39	1
BERGMAN BT 460 CR	52.6	49.6	55.6	25-Sep	1.3	39	1
BERGMAN BT 480 CR	53.2	46.7	59.7	1-Oct	1.7	42	1
BIO GENE BG 420 RF	58.3	53.2	63.5	24-Sep	1.3	40	1
BIO GENE BG 423 NF	52.9	51.5	54.3	18-Sep	1.5	40	1
BIO GENE BG 425 RF	52.7	47.9	57.5	19-Sep	1.6	39	1
BROWN MID 9A 44	56.4	50.8	61.9	24-Sep	2	37	1
BROWN MID 9B 45	53.9	52.4	55.5	24-Sep	2	38	1
BROWN MID 9B 48	54.5	46.5	62.4	1-Oct	1.3	40	1
BROWN MID 9E 42	50.6	50.8	50.5	18-Sep	1.5	40	1
BROWN MID 9E 45	53.5	49.2	57.7	26-Sep	1.5	36	1

CALLAHA\8437 RR	50.9	46	55.8	25-Sep	1	39	1
CALLAHA\9440 RR	54.9	52.4	57.3	23-Sep	1.4	40	1
CALLAHA\9485 RRX	53.6	47.7	59.6	30-Sep	1.7	43	1
DEKALB CX 414C R	48.7	46.2	51.3	21-Sep	1.6	41	1
DEKALB CX 444C R	57.3	52.6	62	25-Sep	1.5	39	1
DIENER DB 4303 C	53.9	48.5	59.3	25-Sep	2.2	39	1
EXCEL 8422 RR	57.5	54.5	60.4	22-Sep	1.4	40	1
EXCEL 8433 NRR	52.9	49.2	56.6	21-Sep	1.1	35	1
EXCEL 8441 RR	54.3	49.1	59.5	26-Sep	1.6	39	1
GATEWA\4R411	54.9	52.5	57.4	18-Sep	1.2	37	1
GATEWA\4R424	57.3	52.3	62.4	24-Sep	1.2	39	1
GOLDEN IH 4404 RR	56.2	53.2	59.2	25-Sep	1.4	42	1
GOLDEN IX 94321 RI	52.8	50	55.6	26-Sep	1.5	39	1
GROWMA RT 4495	51.9	44	59.9	24-Sep	1.5	36	1
GROWMA RT 4585	58.5	56.2	60.9	24-Sep	1	34	1
GROWMA RT 4695	56.6	54	59.2	29-Sep	1.3	35	1
GROWMA RT 4895	58.2	51.8	64.5	29-Sep	1.3	40	1
KRUGER K-400 RR	54.9	51.9	57.8	21-Sep	1.2	38	1
KRUGER K-404 RR	53.2	49.5	57	18-Sep	1.4	36	1
KRUGER K-433 RR	60.7	58.1	63.4	22-Sep	1.3	40	1
LEWIS 4007 RR	55.5	50	61	20-Sep	1.3	41	1
LEWIS 4392 RR	54.2	49.7	58.7	25-Sep	2.2	40	1
LG SEEDS LG 6430 R	55	47.4	62.7	27-Sep	1.5	39	1
LG SEEDS LG 6485 R	54.7	46.3	63.1	1-Oct	1.3	40	1
MERSCH\CLEVELAND	51.4	46.2	56.7	25-Sep	1.9	39	1
MERSCH\HOUSTON	55.9	51.1	60.7	24-Sep	1.1	40	1
MERSCH\MEMPHIS	54.8	48.8	60.7	28-Sep	1.2	44	1
MERSCH\NORFOLK	58.9	55.2	62.5	26-Sep	1.2	39	1
MERSCH\RICHMOND	58.4	54.2	62.6	1-Oct	1.5	43	1
NEXTGEN NG 1044 F	54.3	51.3	57.3	24-Sep	1.5	41	1
NEXTGEN NG 425 R	53.9	49.6	58.2	20-Sep	1.4	39	1
PIONEER 9492	57.3	53.9	60.8	29-Sep	1.6	40	1
PIONEER 94B01	52	48.7	55.3	22-Sep	1.4	38	1
STINE 4001-4	48.9	45.3	52.4	19-Sep	1.1	36	1
STINE 4292-4	58.4	54.4	62.5	24-Sep	1.1	41	1
STONE HC-2429	52.8	44.9	60.7	26-Sep	2	37	1
UAP DG 3401 N	56	53	59	19-Sep	1.8	39	1
UAP DG 3432 N	53.4	51.3	55.5	24-Sep	1.6	41	1
UAP DG 3442 N	51	46.2	55.8	24-Sep	1.6	36	1
UAP DG 3468 N	59.9	52.8	66.9	29-Sep	1.3	36	1
WILLCRO\RR 2410	50.4	50.5	50.3	19-Sep	1.2	35	1
WILLCRO\RR 2469 N	58	53	62.9	27-Sep	1.5	37	1
AVERAGE	54.7	50.5	58.9 ..		1.5	39.4	1.2
L.S.D. 10%	7.8	5.7	6.7 ..		0.5	4	0.4
L.S.D. 30%	4.9	3.6	4.2 ..		0.3	2.5	0.3
STD ERR	3.3	2.4	4 ..		0.2	1.7	0.2
COEFF OF	10.5	8.3	11.8 ..		25.1	7.4	25.6