

2021 Growing Season

Wickman Chemical

Corn & Soybeans

Corn Sites of Action

*Group 2 ALS:

Rimsulfuron- Realm Q/Equip

Flumetsulam- Python/Surestart

Theincarbazone- Corvus/Capreno

*Group 4 Growth Regulators:

Dicamba/Status/Diflex/Clarity

2,4-D

Clopyralid/Stinger/Cleanslate/Resicore

*Group 10 Glufosinate/Liberty/Interline

*Group 15 Long Chain Fatty Acid Inhibitors:

Acetochlor- Harness

Alachlor- Lasso

Metalachlor- Dual

Dimethenamid- Outlook

Proxasulfone- Zidua

*Group 9 Glyphosate

*Group 5 Atrazine

*Group 27 HPPD:

Callisto

Balance Flexx

Laudis/Capreno

Armezon/Impact

Lexar/Acuron/Stalwart 3-Way

Resicore

***Pick 6 & Win!**

What Works

1. Generally speaking a 2-pass system (pass f/by post) works best.
2. 1 pass programs can work but generally don't save money, have a greater potential to fail and are not as affective as a 2-pass system.
3. Growth Regulators are a must! "Best if applied both pre & post"
4. Know your "driver weeds" it will make a big difference in you approach to weed control. (One size does not fit all)
5. Cutting rates in not the best place to cut cost. If we use the generic versions of name brand products, we can keep rates up and costs down.

Corn Programs

Recommended 2 pass- No Till

2-3qts Stalwart 3 Way (27, 5, & 15)

8-16oz Clarity (4)

24oz of 5.4# Glyphosate (9)

1 gal COC 17% / 100gal of spray solution

f/by

1qt Surestart or Smackdown (4, 2, 15)

24oz 5.4# Glyphosate (9)

Problem Fields:

You can add ½# Atrazine (5) or 3oz Mesotrione (27), or both

\$25.88-\$37.00

2 Pass “Clean Start” (No burndown required)

2qt Cadence LA NXT (5, 15) \$13.65

or

2qts Cinch ATZ (5,15) \$11.05

or

2.6qts Cadence ATZ (5,15) \$13.78

f/by (one of the following)

40oz Resicore + 24oz 5.4# Glyphosate (15, 27, 4, 9) \$14.59

or

1qt Smackdown + 24oz 5.4# Glyphosate (15, 4, 2, 9) \$11.41

or

5oz Status + 24oz 5.4# Glyphosate (4, 9) \$18.53

or

1.5qts Stalwart 3 Way + 24oz 5.4# Glyphosate + 2.5oz Clean Slate (15, 5, 27, 9, 4) \$10.77

\$21.82-\$32.31

2 Pass "Clean Start" Continued

1.3qts Cinch ATZ (5, 15)

f/by

.7qts Cinch ATZ (5, 15)

4oz Realm Q (2, 27)

24oz 5.4# Glyphosate (9)

\$26.91

2qts Cadence LA NXT (5, 15)

f/by

4oz Realm Q (2, 27)

½# ATZ (5)

24oz 5.4# Glyphosate (9)

1pt COC or MSO

\$31.80

2 Pass "Clean Start" Continued

2.6qts Cadence ATZ NXT (5, 15)

f/by

4oz Realm Q (2, 27)

½# ATZ (5)

24oz 5.4# Glyphosate (9)

1pt COC or MSO

\$32.00

Clean Start all Generic 2 Pass-

2qts Stalwart 3 Way (15, 5, 27)

f/by

4oz Equip (2, 27)

24oz 5.4# Glyphosate (9)

½# Atrazine (5)

1pt COC

\$22.70

Need to add a burndown? Add Clarity or Clean Slate (4)

plus an additional 24oz 5.4# Glyphosate

\$26.70-28.70

All Generic Pre & Post w/ Burndown

2qts Stalwart 3 Way (15, 5, 27)

8oz Clarity (4)

24oz 5.4# Glyphosate (9)

1pt COC

f/by

4oz Equip (27, 2)

24oz 5.4# Glyphosate (9)

½# Atrazine (5)

1pt MSO or COC

\$29.00

2qts Stalwart 3 Way (15, 5, 27)

24oz 5.4# Glyphosate (9)

8-16oz Clarity (4)

f/by

1.5qts Stalwart 3 Way (15, 5, 27)

24oz 5.4# Glyphosate (9)

2.5-5oz Stinger (If needed) (4)

\$24.45-\$27.10

Pre only w/ Bayer- better on Wooley Cup Grass

5.6oz Corvus (27, 2)

2qts Cinch ATZ (5, 15)

24oz 5.4# Glyphosate (9)

1pt COC

2.5oz Stinger or 8oz Clarity (4)

\$36.50-\$37.00

5oz Balance Flexx (27)

2qts Cinch ATZ (15, 5)

24oz Glyphosate (9)

1pt COC

2.5oz Stinger or 8oz Clarity (4)

\$29.30-\$30.00

*For Better control of Wooly Cup Grass Drop the Cinch ATZ and add
2.6qts Cadence ATZ NXT or 2qts Cadence LA NXT for about \$2.50

Corvus plan \$39-\$39.50

Balance Flexx plan \$31.80-32.50

1 Pass

Pre only w/ Stalwart 3 Way (Full Power Pre!!!)

3.5qts Stalwart (15, 5, 27)

24oz 5.4# Glyphosate (9)

1pt COC

2.5oz Stinger or 8oz Clarity (4)

\$21-\$21.25

1 Pass Post

1 Pass Row & Go- Start Early “Big money” penalty for tardiness

3qts Stalwart 3 Way (15, 5, 27)

24oz 5.4# Glyphosate (9)

8-16oz Clarity (4)

\$18-\$20

2qts Cinch ATZ (15, 5)

24oz 5.4# Glyphosate (9)

8-16oz Clarity (4)

1pt COC

\$15.25-\$17.25

Add 3oz of Mesotrione (27)

\$17.50-\$19.50

1 Pass Post

1 Pass Row & Go- Start Early “Big money” penalty for tardiness
Continued

2.6qts Cadence ATZ NXT (15, 5)

24oz 5.4# Glyphosate (9)

8-16oz Clarity (4)

1pt COC

\$19-\$21

Add 3oz Mesotrione (27)

\$21.25- \$23.25

2.6qts Cadence ATZ NXT (15, 5)

24oz 5.4# Glyphosate (9)

8-16oz Clarity (4)

1pt COC

\$19-\$21

Add 3oz Mesotrione (27)

\$21.25- \$23.25

5 Leaf Corn?

Pull Clarity and replace w/ Status \$13 , Diflexx \$13, or Clean Slate \$1.67-\$3.34

Soybean Programs

Soybeans Sites of Action

*Group **1** Accase Inhibitors:

“Fops”- Assure/Targa

“Dims”- Select Max or Clethidom

*Group **2** ALS:

Chlorimuron- Classic, Cloak, or Curio

Imazaquin- Scepter

Imazethapyr- Pursuit

Cloransulam- First Rate

Thifensulfuron- Harmony or Pinnacle

*Group **9** Glyphosate

*Group **4** Growth Regulators:

2,4-D- Enlist

Dicamba- Extend, Engenia, or Fexapan

*Group **5** Photosynthesis Inhibitors:

Metribuzin- Sencor

*Group **6** Photosystem II Inhibitors:

Basagran

*Group **10** Glufosinate/ Liberty/ Interline

*Group **14** PPO:

Fomesafen- Flexstar

Lactofen- Cobra

Sulfentrazone- Authority, Spartan, or Shutdown

Flumioxazin- Valor SX

*Group **3** Microtubule Inhibitors:

Pendimethalin- Prowl/ Satellite

Trifluralin- Treflon

*Group **15** Long Chain Fatty Acid Inhibitors:

Metolachlor- Dual/ Moccasin

Acetochlor- Warrant

Dimethenamid- Outlook

Pyroxasulfone- Zidua

Soybean Pre's

Valor SX / Flumioxazin \$21.10/lb 2-2.5oz / acre
\$2.64-\$3.32 / acre

Valor XLT / Flurimuron \$22.00/lb 3oz / acre= 1.44oz Classic + 1.76oz Flumioxazin
\$4.13 / acre

Cloak DF \$20.55/lb 3oz/ acre= 1.29oz Classic + 2.64oz Metribuzin
\$3.85 / acre

Authority First Generic \$29.25/lb

Rate	Cost	First Rate OZ	Sulfentrazone OZ
4oz	\$7.32	.375	4.97
5oz	\$9.15	.469	6.21
6oz	\$10.98	.5625	7.46
7oz	\$12.81	.66	8.7
8oz	\$14.64	.75	9.94

Shutdown \$118/gal

Rate	Cost/oz=\$0.922
4.97	\$4.59
6.21	\$5.73
7.46	\$6.88
8.7	\$8.02
9.94	\$9.17

Authority Elite VS Generic

Product	Rate	Shutdown	Moccasin	Total \$ / Acre
Authority Elite \$75.50	19 oz	3.3 oz	1 pt	\$11.21
Authority Elite \$75.50	22 oz	3.9 oz	1.1 pt	\$12.98
Authority Elite \$75.50	24 oz	4.2 oz	1.25 pt	\$14.16
Authority Elite \$75.50	28 oz	4.9 oz	1.4 pt	\$16.52
Product	Rate	Moccasin \$/acre	Shutdown \$/acre	Total \$/acre
Moccasin II Plus \$33.85	1 pt	\$4.24	\$3.05	\$7.29
Moccasin II Plus \$33.85	1.1 pt	\$4.66	\$3.60	\$8.26
Moccasin II Plus \$33.85	1.25 pt	\$5.29	\$3.88	\$9.17
Moccasin II Plus \$33.85	1.4 pt	\$5.93	\$4.52	\$10.45
Product	Rate	Moccasin \$/ acre	Shutdown \$/ acre	Total \$/ acre
Shutdown \$118.00	3.3 oz	\$4.24	\$3.05	\$7.29
Shutdown \$118.00	3.9 oz	\$4.66	\$3.60	\$8.26
Shutdown \$118.00	4.2 oz	\$5.29	\$3.88	\$9.17
Shutdown \$118.00	4.9 oz	\$5.93	\$4.52	\$10.45
Product	Rate	Shutdown	Classic	Total \$ /acre
Authority Maxx \$37.40	6 oz	7.5 oz	.95 oz	\$14.03
Authority Maxx \$37.40	7 oz	8.7 oz	1.1 oz	\$16.37
Authority Maxx \$37.40	9 oz	11 oz	1.4 oz	\$21.04

Zidua Combos Cost

Product	Rate	Spartan	Zidua WG	Total \$/acre
Authority Edge \$283.30	7 oz	4.78 oz	1.57 oz	15.50
Authority Edge \$283.30	8 oz	5.46 oz	1.79 oz	\$17.71
Authority Edge \$283.30	9oz	6.14 oz	2.01 oz	\$19.92
Product	Rate	Spartan	Zidua WG	Total \$/acre
Authority Supreme \$283.30	6 oz	3.12 oz	1.8 oz	\$13.28
Authority Supreme \$283.30	7 oz	3.64 oz	2.1 oz	\$15.50
Authority Supreme \$283.30	8 oz	4.16 oz	2.4 oz	\$17.71
Product	Rate	Cadet	Zidua WG	Total \$ /acre
Anthem Maxx \$469.00	2.5 oz	.35 oz	1.5 oz	\$9.17
Anthem Maxx \$469.00	3 oz	.41 oz	1.88 oz	\$11.00
Anthem Maxx \$469.00	3.2 oz	.44 oz	2 oz	\$11.73
Anthem Maxx \$469.00	4 oz	.55 oz	2.5 oz	\$14.66
Anthem Maxx \$469.00	4.5 oz	.62 oz	2.76 oz	\$16.48
Product	Rate	Flumioxazin	Zidua WG	Total \$ /acre
Fierce \$65.50	3 oz	2 oz	1.5 oz	\$12.30
Fierce XLT \$56.00	4 oz	2 oz + 1oz Classic	1.5 oz	\$14.00
Fierce EZ \$425.13	6 oz	2 oz	1.5 oz	\$19.93
Perpetuo \$224.89	6 oz	4.1 oz Resource	1.5 oz	\$10.55
Perpetuo \$224.89	8 oz	5.4 oz Resource	2 oz	\$14.06

Zidua SC vs Zidua WG	2.5 oz Zidua WG X 1.64=	4.1 oz Zidua SC	
Zidua SC \$520.00	2oz Zidua WG X 1.64=	3.28 oz Zidua SC	\$13.33 /acre
Zidua Pro \$373.00	6 oz Zidua Pro	4oz Pursuit + 1oz Sharpen + 2oz WG	\$17.49 / acre

Sharpen 1oz=\$4.97/acre
Generic Pursuit 4oz=\$4/acre