ALFALFA IN CANADA

By M. O. Malte, Ph.D., Dominion Agrostologist

IT is gratifying to learn, from reports received from the Superintendents of the branch farms and stations of the Experimental Farms systems, that the alfalfa outlook for the season is in general very good. The reports do not only predict a crop of high value to the dairy men and "mixed farmers" in general, but also indicate that alfalfa has conquered a position in Canadian agriculture entitling it to the most sincere consideration of every farmer in the country.

Indeed, alfalfa has conquered Canada. Only a few years ago it was considered a crop out of reachable reach of the ordinary farmer in most parts of the Dominion, a crop that had to be nursed most carefully along to return the yields heralded by enthusiasts. To-day, alfalfa is grown successfully in almost all the provinces of the Dominion. It is grown to the greatest advantage in the valleys of British Columbia, on the plains of the Prairie Provinces, and on the farms of Ontario and Western Quebec. In the East it must be confessed success has not been met with universally. Certain conditions of the soil, especially in Eastern Quebec and New Brunswick, have so far seemed to be adverse to successful alfalfa growing. It should be remembered, however, that alfalfa growing in the Maritime Provinces is still in its infancy and, consequently, the lack of success, so far experienced, must not be considered a definite proof of the impossibility of growing alfalfa successfully there.

Varieties

Since the introduction of alfalfa into Canada a great number of varieties have been tested. During the course of the experiments it was learned that the value of a

JUDGMENT

The Angler—That's what ye get for motorin' on the Sawbath!"

Repair Men Gone to War

What repair men say about cutting down tractor repair bills

THIS year every tractor must work constantly. Meanwhile repair men are constantly leaving for the front.

Experience shows that over 50% of all internal combustion engine troubles are due to incorrect lubrication.

The most common troubles caused prematurely by incorrect lubrication are burned out bearings, worn piston pins, scored cylinders, and pitted valves.

These troubles are not remedied by ten minutes tinkering. They call for the help of a service man.

Repair men say that if every tractor operator would make sure he was securing Correct Lubrication there would be fewer interruptions during the busy season.

Gargoyle Mobiloils are approved by practically every tractor manufacturer. Many of these distinctly recommend their use.

Owners of tractors report savings of from 10% to 30% in fuel consumption and from 30% to 80% saved in oil as a result of the use of the grade of Gargoyle Mobiloils specified for their tractors by the Gargoyle Mobiloils Chart of Recommendations.

Scarcity of farm help was probably one reason why you bought a tractor. Don't wait until a scarcity of repair men leads you to provide that tractor with scientific lubrication. There is a grade of Gargoyle Mobiloils exactly suited to the lubricating requirements of your tractor. It will protect you against premature repairs.

That oil is specified in the Chart of Recommendations on the right. If your tractor is not listed, write for booklet containing complete Chart of Recommendations and other valuable data.

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A grade for each type of motor

To Correctly Lubricate Your Automobile

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BRANCHES THROUGHOUT CANADA

Correct

TRACTOR LUBRIC ATION

Explanation:—The four grades of Gargoyle Mobiloils for tractor lubrication, purified to remove free carbon, are:

Gargoyle Mobiloil "A"
Gargoyle Mobiloil "B"
Gargoyle Mobiloil "BB"
Gargoyle Mobiloil "Arctic"

In the Chart below, the letter opposite the tractor indicates the grade of Gargoyle Mobiloils that should be used. For example, "A" means Gargoyle Mobiloil "A," "Arc" means Gargoyle Mobiloil "Arctic," etc.

TRACTORS	1918		1917		1916		1915	
	Summer	Winter	Summer	Winter	Summer	Winter	Summer	Winter
Albaugh-Dover (Square Turn)			BB	A	BB	A		
Allis-Chalmers	BB	A	BB	A	A	A	A	A
All Work	B	A	B	A	B	A	A	A
Andrews			B	B	A	A		
Appleton	BB	A	BB	A				
Aultman-Taylor	B	A	B	A	A	A	A	A
" " (18-36)	BB	A	BB	A	A	A		
Avery	B	A	B	A	B	A	B	A
" (5-10 HP.)			A	A	A	Arc		
" (Louisville)			BB	A	BB	A	BB	A
Bates Steel Mule	B	A	B	A				
Bean Track Pull	A	A	A	A				
Best	B	A	B	A	B	A	B	A
" (8-16)			A	A	A	A		
Big Bull	B	A	B	A	B	A	A	A
Bower City	B	A	B	A	B	A		
Burkeye (Indiana)	BB	A	BB	A	BB	A		
" " (Indiana) (Giant Baby)			B	A	B	A		
" " (Ohio)			BB	A	B	A	B	A
Case			B	A	B	A	B	A
" (9-18)	A	A	A	A				
" (10-20)	A	A	A	A	A	A		
" (12-25)	BB	A	BB	A	B	A	B	A
" (20-40)	BB	A	BB	A	B	A	B	A
Chase	BB	A	BB	A	B	A	A	A
Cleveland	BB	A						
Common Sense	BB	A	BB	A	A	A	A	A
C. O. D.	BB	A	BB	A	A	Arc	A	Arc
Corn Belt	BB	A	BB	A	B	A	B	A
Creeping Grip	BB	A	BB	A	B	A	B	A
Emerson-Brantingham (EB)	A	A	A	A	A	Arc	A	Arc
" " (S.D.) (9-16)	B	A						
" " (Big Four)	A	A	A	A	A	Arc	A	Arc
" " (Reeves)	B	A	B	A	A	A	A	A
Farm Horse	B	A	B	A	B	A		
Flour City	B	A	B	A	A	Arc	A	Arc
" (Heavy Duty)					B	A	B	A
Galloway	B	A	BB	A				
Gas Pull (Rumley Co.)	B	A	B	A	B	A	B	A
Grain Belt			BB	A				
Gray	BB	A	BB	A	B	A	A	A
Happy Farmer					B	A		
" (Model B)	B	A	B	A				
Hart Parr	B	A	B	A	B	A	B	A
Heider	BB	A	BB	A	B	A	A	A
Holt Caterpillar	B	A	B	A	B	A	A	A
" (Model 45)	BB	A	BB	A	BB	A		
" " (Model 18)			BB	A				
Huber	BB	A	BB	A	B	A	B	A
Imperial Forty	B	A	B	A	B	A	B	A
Ingersoll	A	A	A	A	A	A		
Kardell	BB	A	BB	A	BB	A		
K. C. Prairie Dog	BB	A	BB	A	B	A	A	A
Kinkead			BB	A	B	A	A	A
Lion	BB	A	BB	A	B	A	A	A
Little Chief	BB	A	BB	A	BB	A		
Little Giant	BB	A	BB	A	A	A	A	A
Maytag			BB	A	BB	A		
Minneapolis	B	A	B	A	B	A	B	A
Mogul (I. H. Co.)	BB	A	BB	A	BB	A		
" (8-16) (I. H. Co.)	A	A	A	A	A	A		
Moline Universal	BB	A	BB	A	BB	A		
New Age	BB	A						
Nichols & Shepard			BB	A	A	Arc	A	Arc
Nilson	BB	A	BB	A	B	A	A	A
Oil Pull (Rumley Co.)	B	A	B	A	B	A	B	A
" " (14-28, 10-20, 20-40) (Rumley Co.)	BB	A						
Parrett	BB	A	BB	A	A	A	A	A
Peoria			BB	A	A	A	A	A
Pioneer	B	A	B	A	B	A	B	A
Plow Boy			BB	A	BB	A		
Plow Man	BB	A	BB	A	BB	A		
Pontiac			B	A				
Rumely	B	A	B	A	A	A	A	A
" (8-16)	BB	A	BB	A	BB	A	BB	A
Russell	B	A	B	A	A	Arc	A	Arc
" (Little Four)	BB	A	BB	A				
Sandusky	BB	A	BB	A	A	A	A	A
Simplex	B	A	B	A	A	Arc	A	Arc
Standard			BB	A	BB	A		
Strait	BB	A	BB	A	B	A	A	A
Titan (I. H. Co.)	BB	A	BB	A	BB	A		
Tom Thumb (4 cyl.)			BB	A	A	A		
Twin City	B	A	B	A	B	A	A	A
" " (Model 15)					A	A	A	A
" " (Model 16)	BB	A						
Wallis Cub	B	BB	B	BB	A	Arc	A	Arc
" " (Junior)	BB	A						
Waterloo Boy	A	A	A	A	B	A	B	A
Wisconsin	B	A	BB	A				
Yuba	BB	A	BB	A	A	A	A	A

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