

GUNPOWDER.

Some in Which the Perforated Grains Are Three Inches Long.

The bigger the gun the bigger the grain of powder. For the rifles the men carry the grains are half as big as a pinhead. For the largest guns they are three inches long and three-quarters of an inch thick. Every grain is perforated lengthwise. Small grains have a single hole, while the largest sizes have seven.

These holes regulate in a wonderful way the rapidity with which the powder will burn. If you light a scrap of paper all round the edge it will burn toward the center and the burning surface will steadily decrease. If, however, you made a hole in the center of the paper and start the conflagration there the flame will steadily grow, and the most rapid burning will take place just before the fire has reached the outer edge. This is the exact principle which governs the arrangement of the perforations in big gunpowder. The burning starts along the surface exposed by the perforations and spreads always faster as the hole is enlarged, burning fastest at the instant it is consumed.

It is not intended that the charge in big guns shall exhaust its force instantly, says William Atherton Dupuy, writing on "Powder For the World's Guns." The beginning of the explosion

starts the projectile on its way. The explosion continues, and as the projectile gains speed the force behind it continues to push. The powder is burning fastest and pushing hardest at the instant the projectile reaches the mouth of the gun. At that instant also it burns out and exhausts itself. Its work is done.—Pearson's Weekly

Chanak-Kalesi.

Chanak-Kalesi, the straggling town near the "narrows" of the Dardanelles, means "earthware castle" in Turkish and is so called from a celebrated pottery on the Asiatic side of the strait. An agent from this pottery used to be always on the lookout for a wandering European and hooked on to every passing ship. His boatload of gaudy crockery was generally more remarkable for gilding and tawdry color than for taste. But the forms of the vessels were often graceful, even classical, and specimens of the tall water jugs he sells, or once sold, can be seen throughout the Levant, though seldom in London.—London Chronicle.

Far Apart.

Mother—I hear that Harry Smith is the worst boy in school, and I want you to keep as far from him as possible. Tommy—I do, ma. He is always at the head of our class.—Boston Transcript.

THIS MUCH OF THE REAL TOBACCO CHEW IS AS SATISFYING AS THAT WAD YOU HAVE IN YOUR CHEEK

GEE, I'M GLAD TO HEAR THE GOOD NEWS



THE NOVICE LEARNS THE GOOD JUDGE'S WAY

A NIBBLE of "Right-Cut" gives you a more good tobacco taste and substance than a cheekful of the old kind.

It's the Real Tobacco Chew—and if you like tobacco you'll know it by the time you finish your first pouch.

Sappy, mellow, rich tobacco—seasoned and sweetened just enough. And the taste lasts.



Take a very small chew—less than one-quarter the old size. It will be more satisfying than a mouthful of ordinary tobacco. Just nibble on it until you find the strength chew that suits you. Tuck it away. Then let it rest. See how easily and evenly the real tobacco taste comes, how it satisfies without grinding, how much less you have to spit, how few chews you take to be tobacco satisfied. That's why it is *The Real Tobacco Chew*. That's why it costs less in the end.

It is a ready chew, cut fine and short shred so that you won't have to grind on it with your teeth. Grinding on ordinary candied tobacco makes you spit too much.

The taste of pure, rich tobacco does not need to be covered up with molasses and flourice. Notice how the salt brings out the rich tobacco taste in "Right-Cut."

One small chew takes the place of two big chews of the old kind.

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An Example.

"People of this quiet, cold blooded disposition don't get into rows."

"I don't know about that. Nothing could be more phlegmatic than the oyster, and he's continually getting into broils and stews."—Baltimore American.

Imitation.

"Why, Gladys, you are spoiling your dolly."

"No mamma; I am painting its cheeks with the same color that you use"—Exchange.

Common sense is the knack of seeing things as they are and doing things as they ought to be done.—Stowe.

Finger Nail Spots.

It is now thought that the white spots which frequently appear on finger nails are due to the presence of gas in the substance of the nail. They occur much more frequently during youth and in women and are usually found in persons of a nervous type. There is no remedy for them and no means of prevention except the avoidance of injury to the nails.

How He Guessed It

"The thing I like about your crowd," observed the imprudent rushee, "is they're optimistic."

"Yes, we are, but how did you guess it?"

"At meals every one says, 'Pass the cream, please.'"—Columbia Jester.